

## Completed and on Going Funded Research Projects

<b>No.</b>	<b>Project Title</b>	<b>Starting Year</b>	<b>Amount (in Riyals)</b>	<b>Source of Funding</b>	<b>Finishing Year</b>
<b>1</b>	' Enhancement of critical current density and Mechanical strength of MgB <sub>2</sub> superconductors by doping hydrocarbon / carbon hydrate	<b>2008</b>	<b>3,21,000</b>	Center of Excellence Research in engineering materials ( <b>CEREM</b> )	<b>2009</b>
<b>2</b>	Preparation and study of the magnetic and electrical properties of nano-particle Fe <sub>3</sub> O <sub>4</sub> doped MgB <sub>2</sub> superconductors	<b>2007</b>	<b>42,000</b>	Research center, college of Sciencee King Saud University, Riyadh	<b>2008</b>
<b>3</b>	Nano-carbon substitution effect on electrical and magnetic properties of Magnesium Diboride superconductors	<b>2007</b>	<b>45,000</b>	Research center, college of Sciencee King Saud University, Riyadh	<b>2008</b>
<b>4</b>	Design and Fabrication of High sensitive AC Susceptometer	<b>2005</b>	<b>45,000</b>	Research center, college of Sciencee King Saud University, Riyadh	<b>2007</b>
<b>5</b>	Influence of Carbon Doping on the Magnetic Properties of MgB <sub>2</sub> Superconductors	<b>2005</b>	<b>30,000</b>	Research center, college of Sciencee King Saud University, Riyadh	<b>2006</b>
<b>6</b>	Design and fabrication of micro-Hall probe magnetometer for the measurement of magnetization and ac susceptibility of High T <sub>c</sub> Superconductors	<b>2005</b>	<b>30,000</b>	Research center, college of Sciencee King Saud University, Riyadh	<b>2006</b>